



**CLARK**

*power operated/manual* **cold storage doors**

**air or electric powered...**

**easy to install...**

**...fast operation...tight seal**

**CLARK DOOR COMPANY, INC.** NEWARK 8, NEW JERSEY





# PREST-O-MATIC® *power operated* doors for freezers and coolers

Clark Prest-O-Matic Cold Storage Doors are self-contained complete automatic door assemblies. Each unit is furnished complete with door, frame, power operator, and pull cord switches or other types of control.

## power supply

Prest-O-Matic doors can be supplied for operation on electric or compressed air power, selection of which depends largely upon local conditions.

## types

Standard door units are available for freezer and cooler applications. Normally freezer doors incorporate 6" insulation, and cooler doors 4", but greater or lesser thicknesses of insulation can be obtained for specific applications. Freezer doors have built-in heating cables to prevent icing.

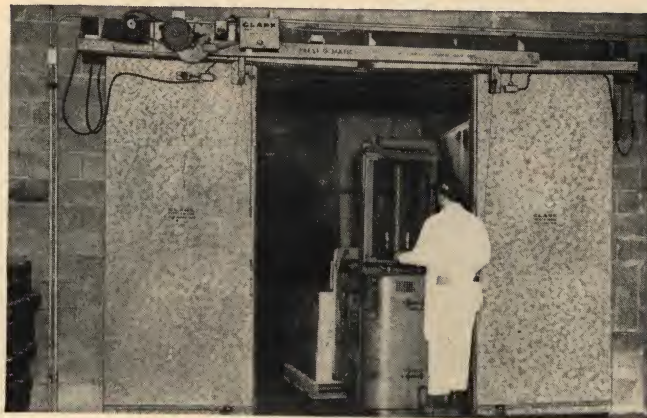
## models

Two models are available in each of the cooler or freezer types.

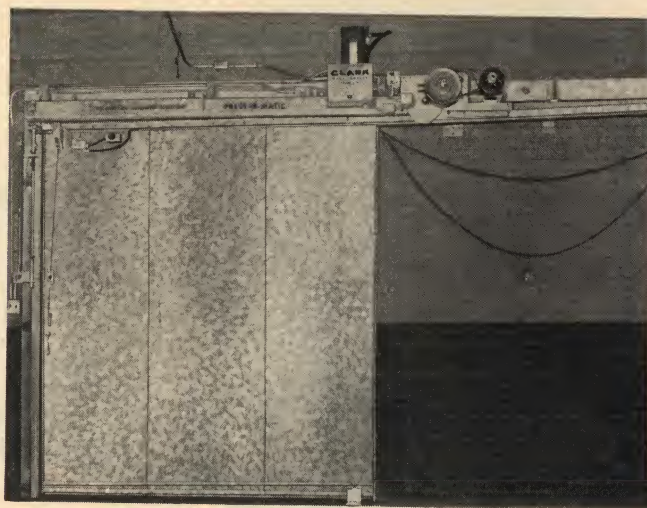
Double Horizontal Sliding (Model DHS) consists of two door sections meeting in the center of opening and sliding on tracks above the doorway to each side. DHS models open or close at approximately two feet per second.

Single Horizontal Sliding (Model SHS) consists of a single door section sliding to right or left at option of buyer. SHS models open or close at one foot per second.

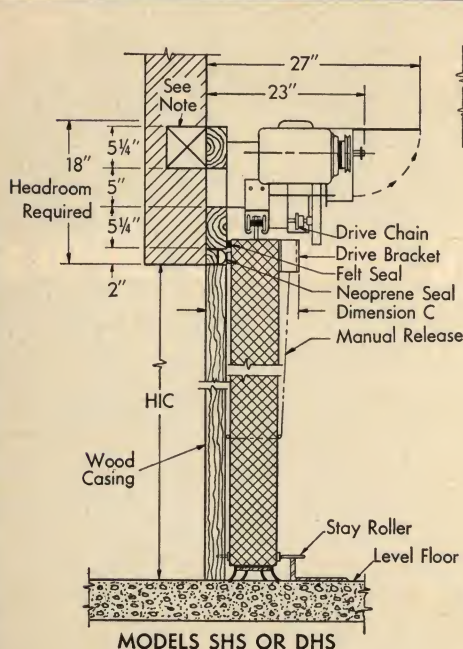
Where space does not permit installation of standard horizontal sliding models, Vertical Sliding or other specially constructed units are available.



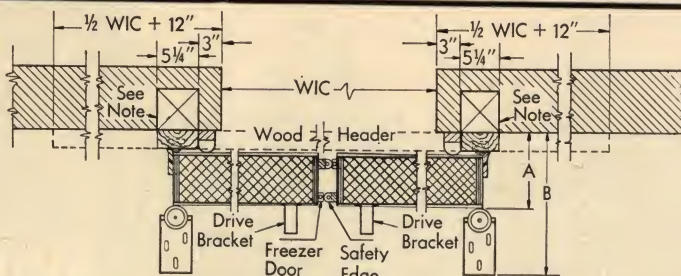
Model DHS (Double Horizontal Sliding) Cold Storage Door.



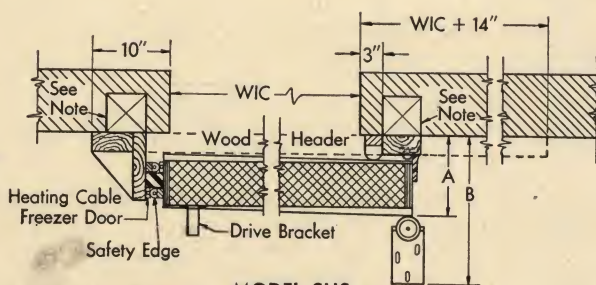
Model SHS (Single Horizontal Sliding) Cold Storage Door.



MODELS SHS OR DHS



MODEL DHS



MODEL SHS

Right Slide Shown—Left Slide Mirror Image

- Dimension A 4" door 9"  
6" door 11"
- Dimension B 4" door 14 3/4"  
6" door 16 3/4"
- Dimension C 4" door 12"  
6" door 14"

WIC=WIDTH IN CLEAR

HIC=HEIGHT IN CLEAR

Note: Bucks (by Others) are not required if wall provides adequate support. In free standing walls bucks should run floor to ceiling with header cut between as shown.

Detailed drawings of all Cold Storage Doors on request.

The right is reserved to change construction details and specifications without notice.



# \* CLARK *hand operated* cold storage doors

Clark Manual Sliding Cold Storage Doors offer a new concept in door design and operation. Sliding quickly and easily to one side or above the opening, these doors hug the wall and free valuable floor space for useful purposes. Four standard models are illustrated and briefly described

## standard freezer and cooler doors

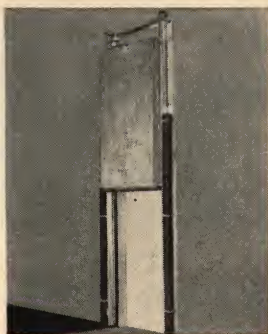


MODEL MF Horizontal Sliding Freezer Door provides 6" or more insulation and is equipped with electric heating cables to prevent icing.

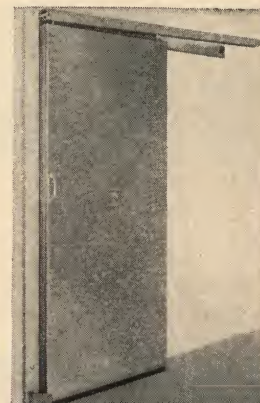
MODEL MC Cooler Door contains 4" insulation without heating cables. Sizes: Standard units for all widths from 4'0" to 8'0" and heights from 5'0" to 12'0". Special sizes on request.

## vertical sliding door

MODEL VS Vertical Sliding Traffic Doors are designed for use in practically all size cold storage doorways, and are particularly practicable where sufficient side room is not available for the installation of horizontal sliding doors. These doors are available for both coolers and freezers, and in varying thicknesses of insulation to suit specific requirements.



## dairy door



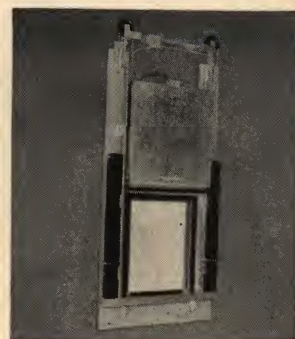
The MODEL DD Clark 3" or 4" Dairy Door is a light weight, compact, insulated door designed particularly for the dairy industry, but with a wide variety of uses.

Sizes: Standard sizes are 2'0", 2'6", 3'0" width and 6'0", 6'6", 7'0" height.

## pass-thru doors

MODEL PD Clark Pass-Thru Doors meet the requirements of small openings where vertical lift doors are advantageous. They are used primarily for the passage of small crates and boxes from refrigerator rooms to outside areas. Door is counter balanced by concealed weights suspended on flexible steel cable.

Sizes: Standard sizes cover widths from 1'6" to 3', and heights from 2' to 3'.



## CLARK CONSTRUCTION FEATURES

### doors

1. All Clark Cold Storage Doors slide on track slightly inclined both horizontally and vertically, thus providing a wedge-tight seal on all door edges.
2. Standard doors are covered both sides with 26 Ga. Galvanized steel. Heavier gauge steel, aluminum, and stainless steel covering are available.
3. Insulation is foamed-in-place Polyurethane which, in addition to its low k factor, possesses the important quality of structural rigidity, non-friability, moisture resistance and light weight.
4. Wedge-tight neoprene seals at top and bottom of door, together with pressure-tight seals on leading and trailing edges, insure a non-leaking tight closure at all door edges.
5. Freezer doors incorporate thermostatically controlled electric heating cables.

6. Optional safety locking device, for use with padlock, securely fastens door from outside, yet permits emergency exit from interior. On power-operated doors the control circuit is open when lock is in closed position.

7. Each door slides on sealed-in-grease precision ball bearing rollers moving in specially designed galvanized track rigidly supported on head member.

### meat rail doors

1. All Clark manual and power operated Single or Double Horizontal Sliding doors are available with special meat rail provision. At loading platforms, or other confined areas, the advantages of sliding doors are obvious. Furthermore, products suspended on meat rails need not be stopped short of door, or moved back to avoid interference with arc of swing of hinged doors.

continued . . .



# CLARK COLD STORAGE DOORS

## CONSTRUCTION FEATURES

continued from page 3

### frame

1. Each Clark door unit is supplied with a wood frame consisting of vertical casings and a header on which the track or power operator is factory mounted. The header rests on the casings with a mortise-tenon joint.
2. Standard frames are painted two coats enamel or can be metal covered at extra cost.

### power operation

1. *Power Operators* for Prest-O-Matic Cold Storage Doors can be supplied for either electric or compressed air supply. Electric operators incorporate  $\frac{1}{2}$  h.p. motor, geared limit switch, solenoid brake, safety adjustable clutch and pre-wired control box, with components of standard manufacture. Compressed air operators have piston of adequate size and stroke, and include lubricator, filter and water trap. Both types are ready for connection to available power supply. Air compressors can be supplied or obtained locally.

## INSTALLATION

Simple complete instructions are supplied with each manual or power operated door, and installation is easily and quickly accomplished. The vertical casings and header are fastened with suitable bolts directly to wood and masonry walls, or to wood or steel bucks. Bucks must be provided in free standing insulation wall. Power supply is connected to electric or air terminal connection on operator. Pull cord switches or other controls can be placed as desired.

## SPECIFICATIONS

"Doors shall be Clark Prest-O-Matic Electric (or Air) Powered Cold Storage Doors, or Manually-Operated Sliding Cold Storage Doors, as manufactured by Clark Door Company, Inc., 521 Hunterdon St., Newark 8, N.J."

Door schedule, plans or specifications should then show details in accordance with the following checklist:

1. In-clear dimensions of opening.
2. Type and Model desired.
3. Thickness of Insulation.
4. Direction of slide (Right or Left to open).
5. Type of metal covering if other than standard.
6. Locking Device, if desired.
7. For power-operated doors, available power supply, type and number of controls (pull switches, push-buttons, photocells, etc.)

## GUARANTEE

All Clark Door Company products are warranted against defective materials or workmanship for a period of one year after shipment.

see also catalog on . . .

**CLARK INDUSTRIAL AUTOMATIC DOORS** In Sweet's Plant Engineering, Industrial Construction and Architectural Files

2. *Safety Edge* Each automatic door is equipped with a sensitive leading edge which automatically opens door upon striking an obstruction while closing.

3. *Manual Release* In the event of power failure doors can be operated manually by means of a simple release which disengages door from power operator.

4. *Power Source* Standard electric operators can be wired to 220V or 440V, 3P, 60C; or 110V or 220V, SP, 60C. Motors are  $\frac{1}{2}$  H.P., instantly reversible, and three phase power supply is recommended when available. Air operators require 65 lbs. minimum, with volume depending upon door size and frequency of operation. Regardless of power supply all doors containing heating cables require 110V; and all air-operated doors require 110V for connection to 6V transformer.

5. *Controls* The most common and generally accepted control is by means of pull cord switches or pushbuttons. These switches are placed in one or more locations on each side of door opening. Other controls such as photoelectric, radio, interlocking of airlock doors, time delays, and other specialized circuits for particular needs are available.

## CLARK SERVICES

Clark Door Company offers three generations of experience in specialized industrial door construction and application. Where special problems exist, to which standard units cannot be adapted, the services of Clark engineering staff are at your disposal. Your inquiry, containing full and complete details on a specific problem, will be given prompt expert attention.

## PATENTS

Clark Doors are produced by an organization with a reputation for high quality products, covering a span of over 70 years. (Patent Numbers 2262451, 2472791, 222757, 2134397, 2412871, 2471197. Other patents pending.)

## a few users of Clark doors

- |                                |                                |
|--------------------------------|--------------------------------|
| *P. Ballantine & Sons          | *Kroger Co.                    |
| *The Borden Co.                | *Merchants Refrigerating Corp. |
| *Bowman Dairy                  | *Minute Maid Corp.             |
| *Campbell Soup Co.             | Morrison & McCluan             |
| Dairy Corp. of America         | Pasco Packing Co.              |
| *Food Fair Stores, Inc.        | *Penn Fruit Co.                |
| *General Foods Corp.           | *Pet Milk Co.                  |
| *Gerber Products Corp.         | *Pillsbury Mills               |
| Good Humor Corp.               | Quaker City Cold Storage Co.   |
| *Grand Union Co.               | Seabrook Farms                 |
| Hawaiian Pineapple Co.         | Stouffer Corp.                 |
| *Helsingborg Cold Storage Co.  | *Winn-Dixie Stores, Inc.       |
| H. P. Hood & Sons, Inc.        | *Winter Garden Freezer Corp.   |
| *Inland Cold Storage Co., Inc. |                                |

\*Repeat orders

# CLARK DOOR COMPANY, INC.

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